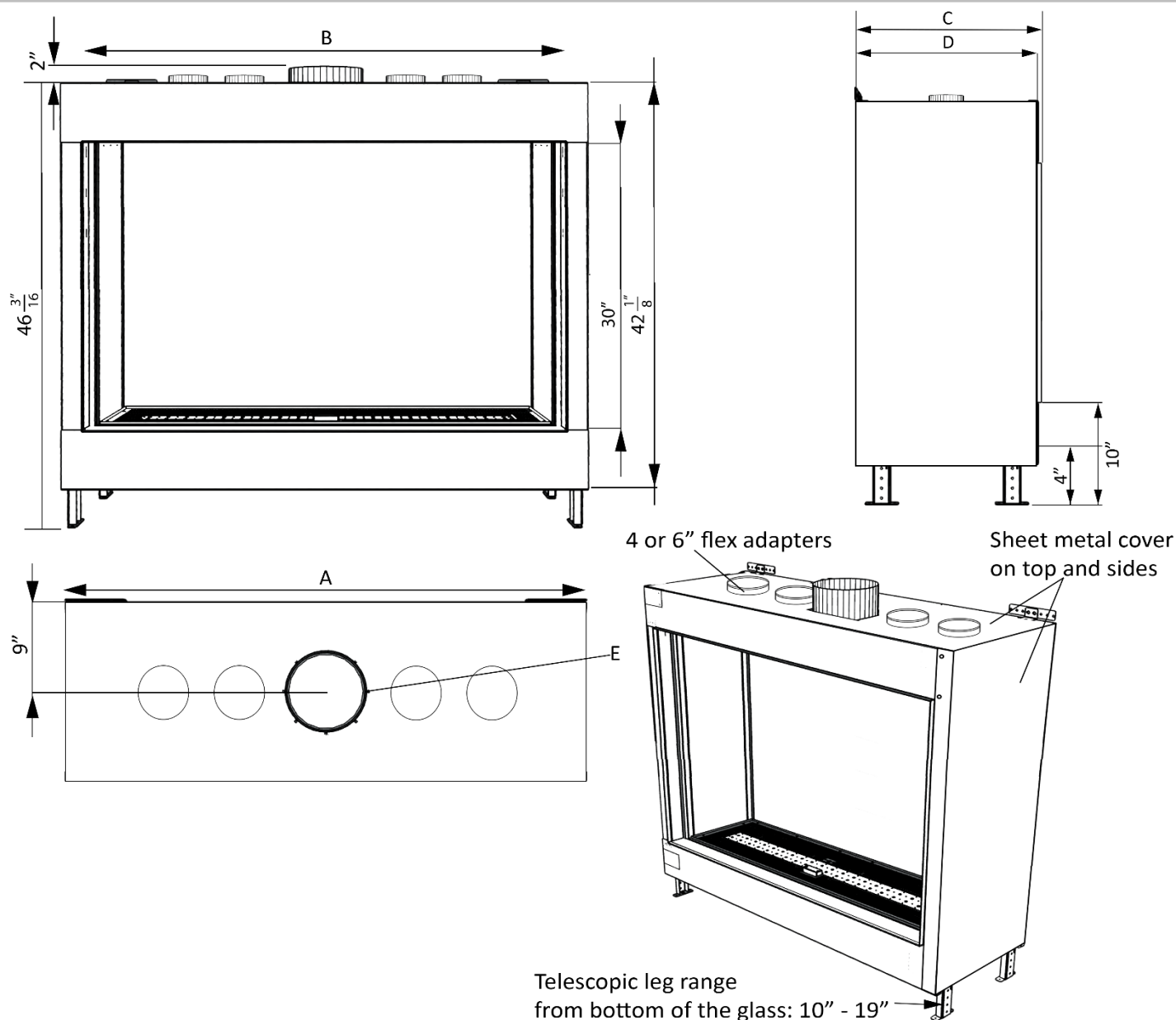


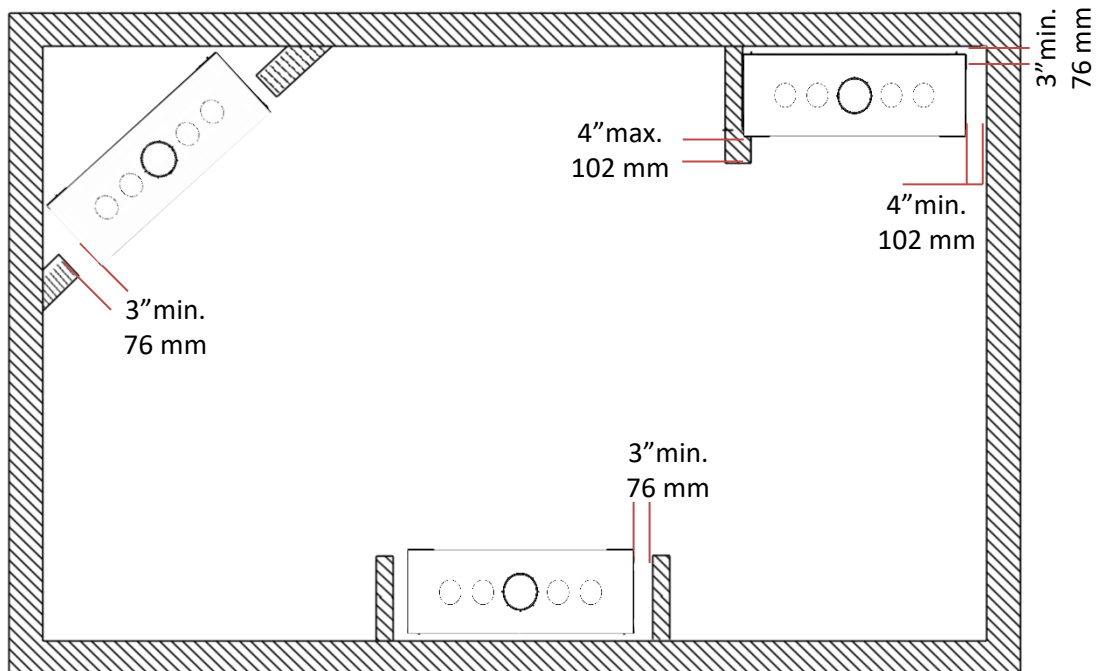
Heat Flex – Passive – Front Facing – Wood Framing – Extra High

Fireplace Dimensions



Model		45	50	60	70	80	100
A	IN	45 9/16	52 5/16	62 2/16	72 3/16	84 9/16	101 8/16
	MM	1157	1328	1577	1833	2147	2578
B	IN	41 4/16	47 15/16	57 13/16	67 10/16	80 4/16	97 3/16
	MM	1047	1217	1468	1717	2038	2468
C	IN	18 9/16	18 9/16	18 9/16	18 9/16	18 9/16	18 9/16
	MM	471	471	471	471	471	471
D	IN	18 1/16	18 1/16	18 1/16	18 1/16	18 1/16	18 1/16
	MM	458	458	458	458	458	458
E	IN	4x6	5x8	5x8	5x8	5x8	5x8
	MM	101x152	127x203	127x203	127x203	127x203	127x203

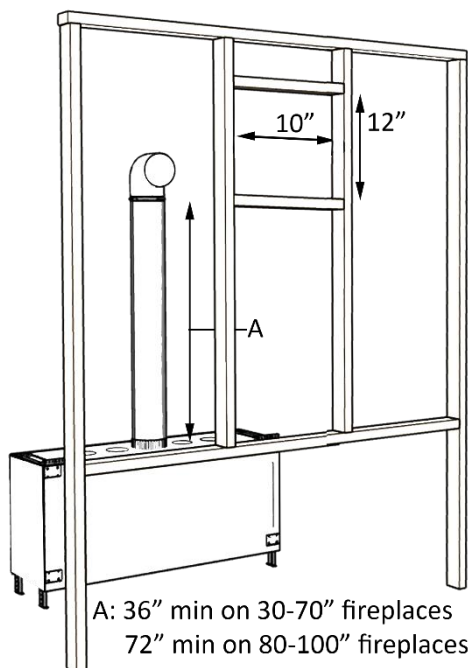
Clearances below are to combustible materials.



Chimney Installation

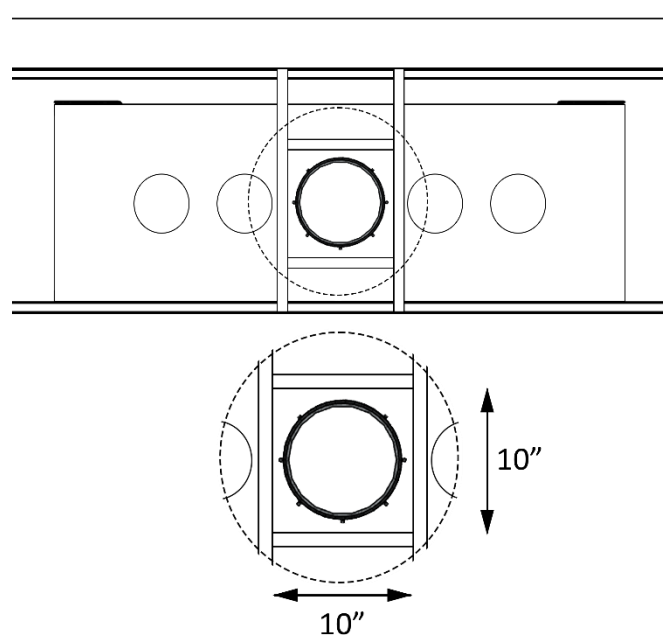
Horizontal Termination

For 5x8 vent pipe termination create a 10"x12" opening.

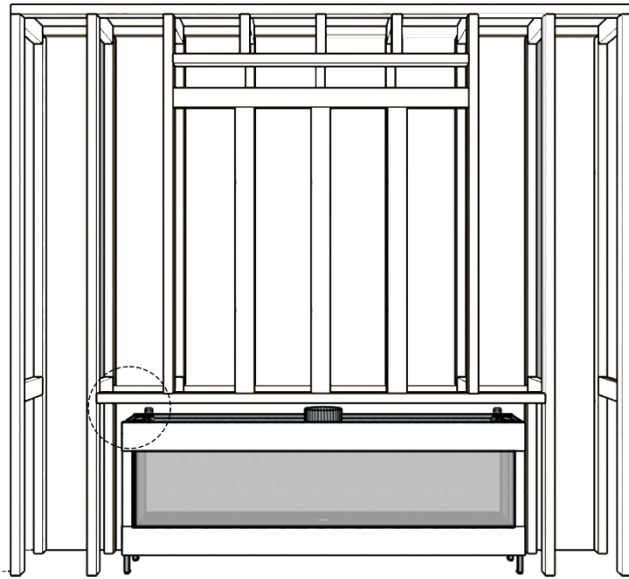


Vertical Termination

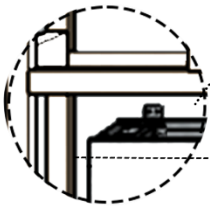
For 5x8 vent pipe termination create a 10"x10" opening.



Flat Installation

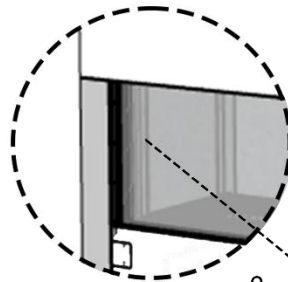
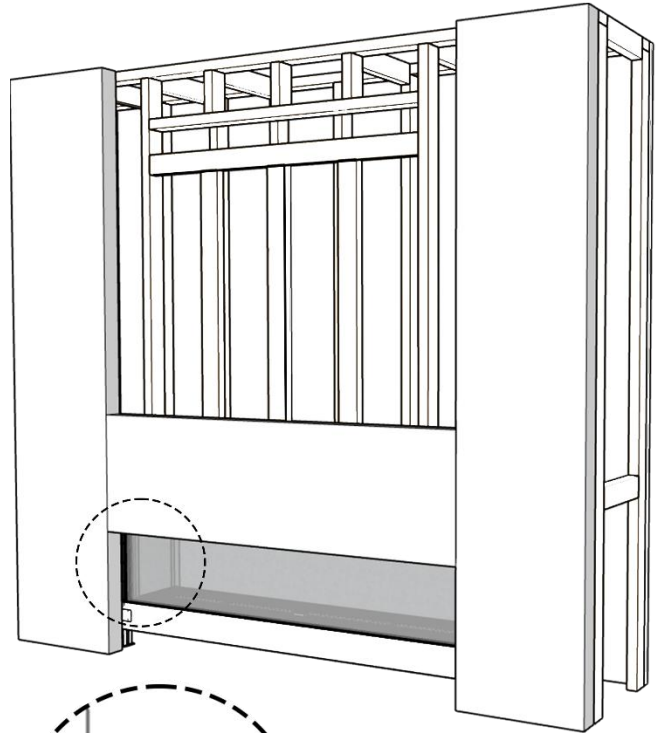


4" clearance to uncovered wood framing above the fireplace.

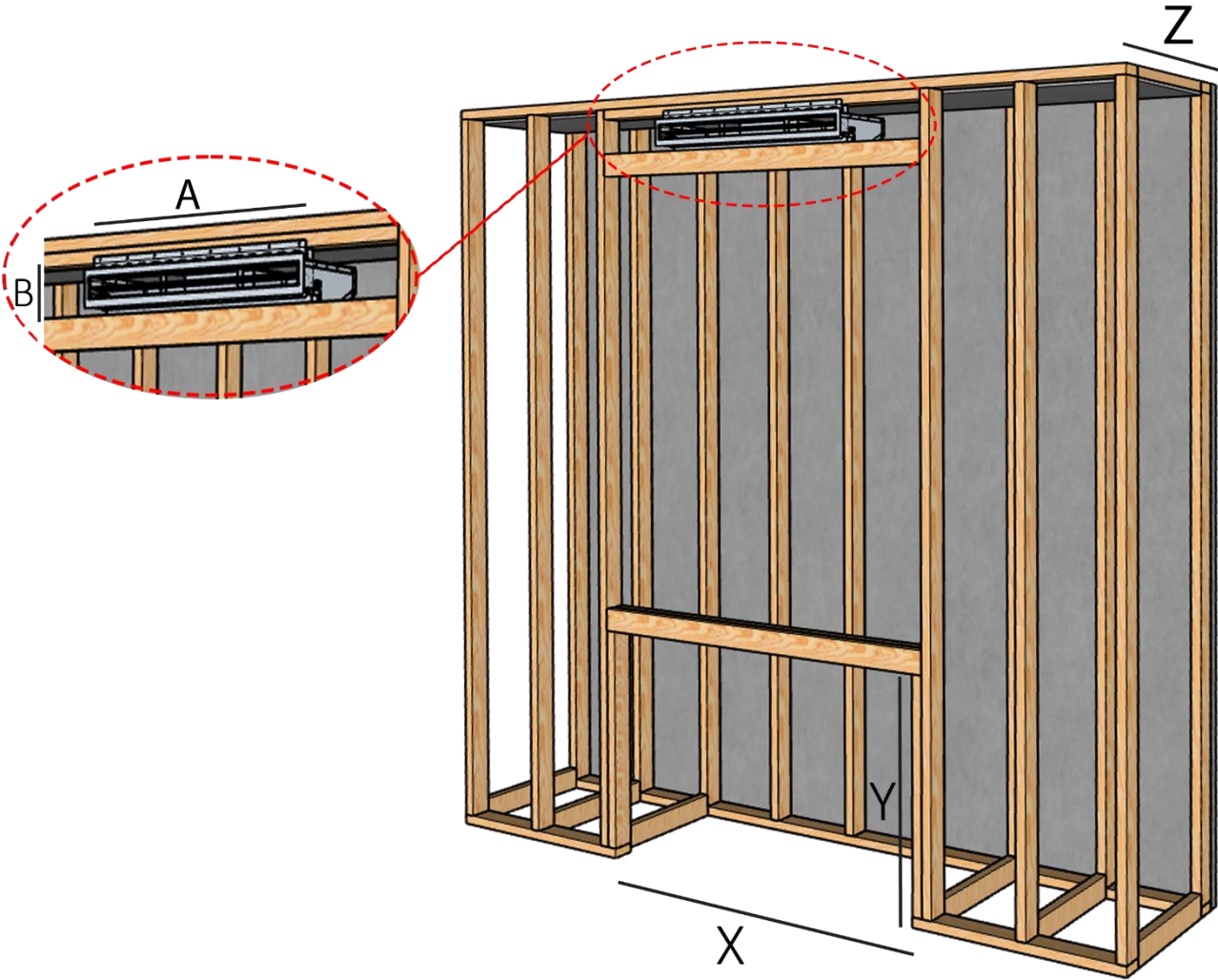


3" clearance to uncovered wood framing on sides of the fireplace.

Recessed Installation



0 - 4" recommended overhang
8" max. May be combustible material.



NOTE: Dimension “Y” assumes the fireplace legs are set to the default height of 4”, placing the glass opening at 10” above the floor. This “Y” dimension can change based on where your client wants their viewing window.

*All framing and finishing must be secured to your projects back wall, ceiling or floor and must never bear weight on the fireplace in any circumstance. For more information reference the [Installation Manual](#).

Stud to Stud Framing Around The Fireplace						Heat Flex Box Framing	
Model		X	Y	Z		A	B
				Flat Installation	Recess Installation (4")		
45	IN	51 9/16	50 3/16	21 1/16	25 1/16	47 3/16	5 1/2
	MM	1294	1275	534	636	1199	140
50	IN	58 5/16	50 3/16	21 1/16	25 1/16	47 3/16	5 1/2
	MM	1481	1275	534	636	1199	140
60	IN	68 2/16	50 3/16	21 1/16	25 1/16	57	5 1/2
	MM	1730	1275	534	636	1448	140
70	IN	78 3/16	50 3/16	21 1/16	25 1/16	57	5 1/2
	MM	1985	1275	534	636	1448	140
80	IN	90 9/16	50 3/16	21 1/16	25 1/16	84 1/16	5 1/2
	MM	2300	1275	534	636	2135	140
100	IN	107 8/16	50 3/16	21 1/16	25 1/16	84 1/16	5 1/2
	MM	2731	1275	534	636	2135	140

Heat Release and Air Intake

Heat Release Louvers			
Flare Model	Part Name	Description	SKU
Flare 30	LUV-70	70 SQ" Louver	LUV70
Flare 45	LUV-100	100 SQ" Louver	LUV100
Flare 50			
Flare 60	LUV-120	120 SQ" Louver	LUV120
Flare 70			
Flare 80	LUV-180	180 SQ" Louver	LUV180
Flare 100			

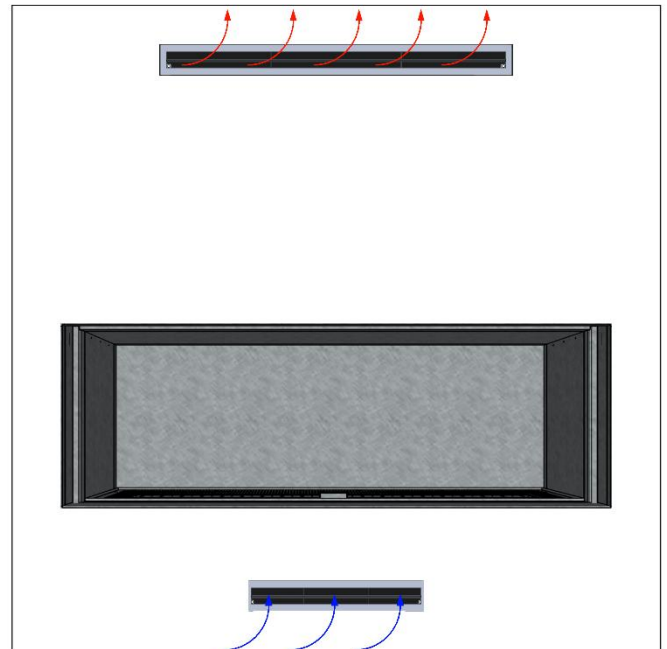
**Standardized heat release louver is included with passive heat kit.*

Air Intake Louvers			
Flare Model	Part Name	Description	SKU
Flare 30	LUV-50	50 SQ" Louver	LUV50
Flare 45			
Flare 50			
Flare 60	LUV-70	70 SQ" Louver	LUV70
Flare 70			
Flare 80	LUV-100	100 SQ" Louver	LUV100
Flare 100			

**Air intakes are required on Blower Kit and Cool Glass equipped fireplaces only.*

***Double the intake on see through and room definers, balancing size and positioning on both long sides.*

****Standardized air intake louvers are available, but designing a unique intake is acceptable.*



Passive Heat Flex Kit

The Passive Heat Flex System Includes:

- Heat Flex Box
- Heat Release Louver and In-Wall Mount
- Flex Pipe Adapters

Model Size	Part Name	Description	Flex Quantity/Size	SKU
30	HFPK-70	Passive Heat Flex Kit for 30" Fireplace	4 / 4"	HFPK70
45	HFPK-100	Passive Heat Flex Kit for 45" Fireplace	4 / 4"	HFPK100
50	HFPK-100	Passive Heat Flex Kit for 50" Fireplace	4 / 4"	HFPK100
60	HFPK-120	Passive Heat Flex Kit for 60" Fireplace	4 / 6"	HFPK120
70	HFPK-120	Passive Heat Flex Kit for 70" Fireplace	4 / 6"	HFPK120
80	HFPK-180	Passive Heat Flex Kit for 80" Fireplace	6 / 6"	HFPK180
100	HFPK-180	Passive Heat Flex Kit for 100" Fireplace	6 / 6"	HFPK180

WOOD - FLAT - SIDE VIEW

INCLUDED LOUVERED RELEASE
(SIZED BASED ON THE SIZE OF THE FIREPLACE)

HEAT FLEX BOX MOUNTED
A MINIMUM OF 35" ABOVE
THE FIREPLACE

12" CLEARANCE FROM
BASE OF TV TO TOP OF
GLASS OPENING

4" CLEARANCE TO UNCOVERED
WOOD STUD ABOVE FIREPLACE

 COMBUSTIBLE MATERIAL

 NON-COMBUSTIBLE MATERIAL

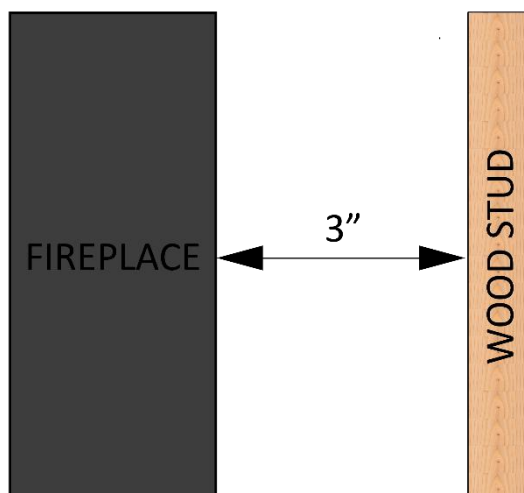
AIR INTAKE
*COOL GLASS ONLY

NON-COMBUSTIBLE
FIRESTOP

1" MINIMUM FROM
CONCENTRIC PIPE TO
ANY MATERIAL

3" MINIMUM TO
COMBUSTIBLE BACK
AND SIDES

Wood Framing Clearances and Materials Example



*Any combustible material found within the fireplace cavity must maintain a 3" clearance to the sides and back, and a 4" clearance to the top of the fireplace.